

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10816,357  
Source: TF130  
Date Processed by STIC: 10/26/04

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IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/816,357

DATE: 10/26/2004

TIME: 10:14:43

Input Set : A:\PTO.LM.TXT

Output Set: N:\CRF4\10262004\J816357.raw

3 <110> APPLICANT: Liew, Choong-Chin  
 5 <120> TITLE OF INVENTION: Method for the Detection of Asthma Related Gene Transcripts  
 in Blood  
 7 <130> FILE REFERENCE: 4231/2055Q  
 9 <140> CURRENT APPLICATION NUMBER: US 10/816,357  
 10 <141> CURRENT FILING DATE: 2004-04-01  
 12 <150> PRIOR APPLICATION NUMBER: US 10/802,875  
 13 <151> PRIOR FILING DATE: 2004-03-12  
 15 <150> PRIOR APPLICATION NUMBER: 10/812,646  
 W--> 16 <151> PRIOR FILING DATE: 2004-3-30 (pg. 6-8)  
 18 <150> PRIOR APPLICATION NUMBER: US 10/601,518  
 19 <151> PRIOR FILING DATE: 2003-06-20  
 21 <150> PRIOR APPLICATION NUMBER: US 10/268,730  
 22 <151> PRIOR FILING DATE: 2002-10-09  
 24 <150> PRIOR APPLICATION NUMBER: US 10/085,783  
 25 <151> PRIOR FILING DATE: 2002-02-28  
 27 <150> PRIOR APPLICATION NUMBER: US 09/477,148  
 28 <151> PRIOR FILING DATE: 2000-01-04  
 30 <150> PRIOR APPLICATION NUMBER: US 60/271,955  
 31 <151> PRIOR FILING DATE: 2001-02-28  
 33 <150> PRIOR APPLICATION NUMBER: US 60/305,340  
 34 <151> PRIOR FILING DATE: 2001-07-13  
 36 <150> PRIOR APPLICATION NUMBER: US 60/275,017  
 37 <151> PRIOR FILING DATE: 2001-03-12  
 39 <150> PRIOR APPLICATION NUMBER: US 60/115,125  
 40 <151> PRIOR FILING DATE: 1999-01-06  
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 66 <223> OTHER INFORMATION: n is a, c, g, or t  
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## RAW SEQUENCE LISTING

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Input Set : A:\PTO.LM.TXT  
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RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/10/816,357

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Input Set : A:\PTO.LM.TXT  
 Output Set: N:\CRF4\10262004\J816357.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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RAW SEQUENCE LISTING ERROR SUMMARY  
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RAW SEQUENCE LISTING ERROR SUMMARY  
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Seq#:98; N Pos. 17  
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Seq#:100; N Pos. 8,39,50,56,71,72,97,110,177  
Seq#:101; N Pos. 121

## VERIFICATION SUMMARY

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Output Set: N:\CRF4\10262004\J816357.raw

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L:393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:120  
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:180  
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L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
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L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:300  
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:420  
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:540  
L:755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:600  
L:757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:660  
L:759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:720  
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:780  
L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:420  
L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:540  
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:600  
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:660  
L:966 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:968 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:60  
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:120  
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:1050 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:60  
L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:120  
L:1054 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:180  
L:1124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:1126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:60  
L:1128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:120  
L:1130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:180  
L:1132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:240  
L:1215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:60  
L:1219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:120  
L:1221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:180  
L:1333 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:1335 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60  
L:1390 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:1392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:60  
L:1442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:1444 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:60

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L:1509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:1511 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:60  
L:1513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:120  
L:1515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180  
L:1587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:240  
L:1589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:300  
L:1591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:360  
L:1593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:420  
L:1640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:300  
L:1644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:420  
L:1646 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:480  
L:1696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0  
L:1698 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:60  
L:1700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:120  
L:1702 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:180  
L:1732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0  
L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0  
L:1831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:60  
L:1901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:1903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:60  
L:1973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0  
L:1975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:60  
L:2040 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0  
L:2042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:60  
L:2117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:2119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:60  
L:2174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0  
L:2176 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:60  
L:2241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0  
L:2243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:60  
L:2320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:2322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:60  
L:2324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:120  
L:2364 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:2366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:60  
L:2411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0  
L:2413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:60  
L:2435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:60  
L:2499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0  
L:2501 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:60  
L:2596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0  
L:2598 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:60  
L:2668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0  
L:2670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:60  
L:2687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:60  
L:2782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0  
L:2784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:60  
L:2864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0  
L:2866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:60

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L:2946 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0  
L:2950 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:120  
L:2952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:180  
L:2954 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:240  
L:2956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:300  
L:2958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:360  
L:2960 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:420  
L:3320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
L:3322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:60  
L:3324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:120  
L:3326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:180  
L:3328 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:240  
L:3330 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:300  
L:3332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:360  
L:3334 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:420  
L:3424 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:3426 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:60  
L:3430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:180  
L:3432 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:240  
L:3434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:300  
L:3438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:420  
L:3902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:0  
L:3904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:60  
L:3906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:120  
L:3908 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:180  
L:3910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:240  
L:3912 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:300  
L:3914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:360  
L:3916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:420  
L:3918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:480  
L:3920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:540  
L:3922 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:600  
L:3924 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:660  
L:3986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0  
L:3988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:60  
L:4063 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0  
L:4065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:60  
L:4067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:120  
L:4082 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0  
L:4341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:300  
L:4358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0  
L:4454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0  
L:4456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:60  
L:4477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:120  
L:4512 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0  
L:4518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:180  
L:4548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0  
L:4619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0  
L:4621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:60

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L:4651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0  
 L:4744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0  
 L:4746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:60  
 L:4748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:120  
 L:4796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0  
 L:4798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:60  
 L:4880 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0  
 L:4882 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:60  
 L:4884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:120  
 L:4886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:180  
 L:4911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0  
 L:4970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0  
 L:4972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:60  
 L:4974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:120  
 L:5004 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0  
 L:5023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0  
 L:5169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:0  
 L:5171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:60  
 L:5173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:120  
 L:5175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:180  
 L:5229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91 after pos.:300  
 L:5251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92 after pos.:0  
 L:5673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:0  
 L:5675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:60  
 L:5677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:120  
 L:5679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:180  
 L:5681 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:240  
 L:5683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:300  
 L:5685 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:360  
 L:5687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:420  
 L:5689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:480  
 L:5984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:0  
 L:5986 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:60  
 L:5988 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:120  
 L:5990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:180  
 L:5992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:240  
 L:5994 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:300  
 L:5996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:360  
 L:6090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:120  
 L:6106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:600  
 L:6108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:660  
 L:6110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:720  
 L:6112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:780  
 L:6146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:0  
 L:6168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0  
 L:6180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:360  
 L:6234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:0  
 L:6236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:60  
 L:6238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:100 after pos.:120

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L:6265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:120